EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	(("3383138") or ("4548443") or ("3963080") or ("4332420") or ("4736987")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/17 14:59
S2	427	(175/102,101,324).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/19 16:02
S3	6	S2 and wobble	US-PGPUB; USPAT	AND	ON	2007/07/19 15:59
S4	145	S2 and bore hole	US-PGPUB; USPAT	AND	ON	2007/07/19 16:35
S5	47	S4 and (tooth or teeth)	US-PGPUB; USPAT	AND	ON	2007/07/19 16:36
S6		(("20030219321") or ("20060060383") or ("20060096784") or ("3582138") or ("3583383") or ("3647008") or ("3680645") or ("3724559") or ("3724683") or ("3792869") or ("3797588") or ("3815690") or ("3875751") or ("3992019") or ("4067305") or ("4107882") or ("4155409") or ("4227583") or ("4244628") or ("4281722") or ("4290491") or ("4294319") or ("4516937") or ("4423994") or ("4591010") or ("4611438") or ("4637477") or ("4661027") or ("4777850") or ("4840238") or ("4925391") or ("4971486") or ("5060734") or ("5090487") or ("5542476") or ("5090487") or ("5542476") or ("5795079") or ("5678960") or ("5795079") or ("5899647") or ("6015112") or ("6422324") or ("6484820") or ("6648557") or ("6864593") or ("7025551") or ("7182156")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/20 10:58
S7	428	(175/102,101,324).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/17 09:01
S8	217	(175/92).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/17 09:46
S9	0	(175/175).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/17 09:46
S10	0	DE-4332113-\$.did	US-PGPUB; USPAT	AND	ON	2007/08/17 10:34

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S11	0	DE-4332113-\$.did	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/08/17 10:34
S12	0	"DE-4332113-A1.did"	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/08/17 10:34
S13	0	"DE-4332113-A1.did"	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/08/17 10:40
S14	1	("5190353").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/17 10:42
S15	1	("5340199").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/17 11:02
S16	25291	borehole .	US-PGPUB; USPAT	AND	ON	2007/08/17 11:27
S17	34	S16 and (shaft adj journal)	US-PGPUB; USPAT	AND	ON	2007/08/17 11:31
S18	309	S16 and wobbl\$	US-PGPUB; USPAT	AND	ON	2007/08/17 11:31
S19	252	S18 drill	US-PGPUB; USPAT	AND	ON	2007/08/17 11:32
S20	240	S19 well	US-PGPUB; USPAT	AND	ON	2007/08/17 11:32
S21	636	(175/107).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/17 14:40
S22	356	(299/31).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 09:49
S23	83	(299/32).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 10:13
S24	0	(299/385.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 10:13
S25	125	(299/85.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 11:56
S26	136	(299/108).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 11:57
S27	33396	(bore adj hole) or (borehole) hole	US-PGPUB; USPAT	AND	ON	2007/08/20 13:05
S28	3537	S27 wobble\$ or nutat\$ or flucate\$	US-PGPUB; USPAT	AND	ON	2007/08/20 13:06
S29	170	S28 cut drill	US-PGPUB; USPAT	AND	ON	2007/08/20 13:30

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14904	S27 (planet adj gear) or (sun adj gear)	US-PGPUB; USPAT	AND	ON	2007/08/20 13:31
7943	S30 (bit or teeth)	US-PGPUB; USPAT	AND	ON	2007/08/20 13:31
416	S31 (hydraulic adj motor)	US-PGPUB; USPAT	AND	ON	2007/08/20 13:33
19	S32 convey	US-PGPUB; USPAT	AND	ON	2007/08/20 13:32
10	S32 (wobble\$ or nutat\$)	US-PGPUB; USPAT	AND	ON	2007/08/20 15:22
0	S31 (breaker adj rib\$)	US-PGPUB; USPAT	AND	ON	2007/08/20 15:22
596	S31 rib\$	US-PGPUB; USPAT	AND	ON	2007/08/20 15:22
162	S36 break\$	US-PGPUB; USPAT	AND	ON	2007/08/20 15:41
828	S27 break debris	US-PGPUB; USPAT	AND	ON	2007/08/20 15:42
103	S38 convey	US-PGPUB; USPAT	AND	ON	2007/08/20 15:42
40811	("166").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/08/21 13:12
498409	breaker or break	US-PGPUB; USPAT	AND	ON	2007/08/21 13:13
5803	S40 and S41	US-PGPUB; USPAT	AND	ON	2007/08/21 13:13
3673	S42 (rock or material) remov\$	US-PGPUB; USPAT	AND	ON	2007/08/21 13:14
113	S43 reduce (large adj (rock or piece or material))	US-PGPUB; USPAT	AND	ON	2007/08/21 13:16
324	(break\$ adj rib) or (rib adj break\$)	US-PGPUB; USPAT	AND	ON	2007/08/21 13:18
1	S45 S40	US-PGPUB; USPAT	AND	ON	2007/08/21 13:19
22143	break\$ (rock or material or soil) drill	US-PGPUB; USPAT	AND	ON	2007/08/21 13:20
2609	S40 and S47	US-PGPUB; USPAT	AND	ON	2007/08/21 13:20
729	S48 convey\$	US-PGPUB; USPAT	AND	ON	2007/08/21 13:20
72	S49 (rib4 or baffle\$)	US-PGPUB; USPAT	AND	ON	2007/08/21 13:21
1	("4796713").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:59
	7943 416 19 10 0 596 162 828 103 40811 498409 5803 3673 113 324 1 22143 2609 729 72	gear) 530 (bit or teeth) 416 S31 (hydraulic adj motor) 19 S32 convey 10 S32 (wobble\$ or nutat\$) 0 S31 (breaker adj rib\$) 596 S31 rib\$ 162 S36 break\$ 828 S27 break debris 103 S38 convey 40811 ("166").CLAS. 498409 breaker or break 5803 S40 and S41 3673 S42 (rock or material) remov\$ 113 S43 reduce (large adj (rock or piece or material)) 324 (break\$ adj rib) or (rib adj break\$) 1 S45 S40 22143 break\$ (rock or material or soil) drill 2609 S40 and S47 729 S48 convey\$ 549 (rib4 or baffle\$)	gear) USPAT 7943 S30 (bit or teeth) US-PGPUB; USPAT 416 S31 (hydraulic adj motor) US-PGPUB; USPAT 19 S32 convey US-PGPUB; USPAT 10 S32 (wobble\$ or nutat\$) US-PGPUB; USPAT 0 S31 (breaker adj rib\$) US-PGPUB; USPAT 596 S31 rib\$ US-PGPUB; USPAT 162 S36 break\$ US-PGPUB; USPAT 828 S27 break debris US-PGPUB; USPAT 103 S38 convey US-PGPUB; USPAT 40811 ("166").CLAS. US-PGPUB; USPAT 498409 breaker or break US-PGPUB; USPAT 5803 S40 and S41 US-PGPUB; USPAT 113 S43 reduce (large adj (rock or piece or material)) US-PGPUB; USPAT 12 (break\$ adj rib) or (rib adj break\$) US-PGPUB; USPAT 1 S45 S40 US-PGPUB; USPAT 22143 break\$ (rock or material or soil) drill US-PGPUB; USPAT 22609 S40 and S47 US-PGPUB; USPAT 729 S48 convey\$ US-PGPUB; US-PGPUB; USPAT	gear) USPAT 7943 S30 (bit or teeth) US-PGPUB; USPAT 416 S31 (hydraulic adj motor) US-PGPUB; USPAT 19 S32 convey US-PGPUB; USPAT 10 S32 (wobble\$ or nutat\$) US-PGPUB; USPAT 0 S31 (breaker ad] rib\$) US-PGPUB; USPAT 596 S31 rib\$ US-PGPUB; USPAT 162 S36 break\$ US-PGPUB; AND USPAT 162 S36 break\$ US-PGPUB; AND USPAT 103 S38 convey US-PGPUB; AND USPAT 40811 ("166").CLAS. US-PGPUB; USPAT 498409 breaker or break US-PGPUB; USPAT 498409 breaker or break US-PGPUB; USPAT 3673 S40 and S41 US-PGPUB; USPAT 13 S43 reduce (large adj (rock or piece or material)) US-PGPUB; USPAT 1 S45 S40 US-PGPUB; USPAT 1 S45 S40 US-PGPUB; AND USPAT 22143 break\$ (rock or material or soil) drill US-PGPUB; AND USPAT 22609 S40 and S47 US-PGPUB; AND USPAT <t< td=""><td>gear) USPAT 7943 S30 (bit or teeth) US-PGPUB; USPAT 416 S31 (hydraulic adj motor) US-PGPUB; AND ON USPAT 19 S32 convey US-PGPUB; AND ON USPAT 10 S32 (wobble\$ or nutat\$) US-PGPUB; AND ON USPAT 0 S31 (breaker adj rib\$) US-PGPUB; AND ON USPAT 596 S31 rib\$ US-PGPUB; AND ON USPAT 162 S36 break\$ US-PGPUB; AND ON USPAT 103 S38 convey US-PGPUB; AND ON USPAT 103 S38 convey US-PGPUB; AND ON USPAT 498409 breaker or break US-PGPUB; OR OFF 498409 breaker or break US-PGPUB; AND ON USPAT 5803 S40 and S41 US-PGPUB; AND ON USPAT 113 S43 reduce (large adj (rock or piece or material) US-PGPUB; AND ON USPAT 113 S43 reduce (large adj (rock or piece or material) US-PGPUB; AND ON USPAT 1 S45 S40 US-PGPUB; AND ON USPAT 1 S45 S40 US-PGPUB; AND ON USPAT 1 S45 S40 US-PGPUB; AND ON USPAT 22143</td></t<>	gear) USPAT 7943 S30 (bit or teeth) US-PGPUB; USPAT 416 S31 (hydraulic adj motor) US-PGPUB; AND ON USPAT 19 S32 convey US-PGPUB; AND ON USPAT 10 S32 (wobble\$ or nutat\$) US-PGPUB; AND ON USPAT 0 S31 (breaker adj rib\$) US-PGPUB; AND ON USPAT 596 S31 rib\$ US-PGPUB; AND ON USPAT 162 S36 break\$ US-PGPUB; AND ON USPAT 103 S38 convey US-PGPUB; AND ON USPAT 103 S38 convey US-PGPUB; AND ON USPAT 498409 breaker or break US-PGPUB; OR OFF 498409 breaker or break US-PGPUB; AND ON USPAT 5803 S40 and S41 US-PGPUB; AND ON USPAT 113 S43 reduce (large adj (rock or piece or material) US-PGPUB; AND ON USPAT 113 S43 reduce (large adj (rock or piece or material) US-PGPUB; AND ON USPAT 1 S45 S40 US-PGPUB; AND ON USPAT 1 S45 S40 US-PGPUB; AND ON USPAT 1 S45 S40 US-PGPUB; AND ON USPAT 22143